

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Mark Conkling  
Application No.: 09/963,340  
Filed: September 24, 2001  
For: *Regulation Of Quinolinate Phosphoribosyl Transferase Expression*

Confirmation No.: 1188  
Group Art Unit: 1638  
Examiner: Russell Kallis

Date: August 20, 2007

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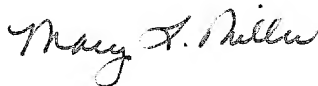
**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
PURSUANT TO 37 C.F.R. §1.97(c)**

Sir:

Attached is a listing of 95 references (3 pages), which have previously been disclosed in co-pending application no. 11/416,576, filed May 3, 2006, which is a continuation application of the present application. Therefore no copies of these references are enclosed. However, applicants will provide a copy of any such reference upon request by the Examiner. It is requested that these documents be considered by the Examiner and officially made of record in accordance with the provisions of 37 C.F.R. § 1.56 and Section 609 of the MPEP

This Information Disclosure Statement is submitted in accordance with 37 C.F.R. § 1.97(b)(4), before the mailing of a first action after the filing of a Request for Continued Examination under 37 C.F.R. § 1.114. Therefore, no fee is believed due. However, the Commissioner is hereby authorized to charge any deficiency or credit any overpayment to Deposit Account No. 50-0220.

Respectfully submitted,

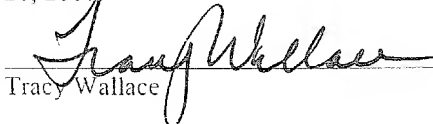


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**CERTIFICATION OF TRANSMISSION**

I hereby certify that this correspondence is being transmitted via the Office electronic filing system in accordance with § 1.6(a)(4) to the U.S. Patent and Trademark Office on August 20, 2007.

  
Tracy Wallace

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	09/963,340
				Filing Date	September 24, 2001
				First Named Inventor	Conkling et al.
				Group Art Unit	1638
Examiner Name	R. Kallis				
Sheet	1	of 3	A1	Attorney Docket Number	5051-338CT

U.S. PATENTS AND PATENT PUBLICATIONS					
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		
	1.	US-2,479,526		Touton	08/1949
	2.	US-254,285		Forest	02/28/1882
	3.	US-2,728,603		Helijo	08/1955
	4.	US-299,541		Hearn	06/13/1884
	5.	US-3,840,025		Fowler et al.	10/08/1974
	6.	US-3,905,123		Fowler et al.	09/16/1975
	7.	US-4,094,324		Bolsinger et al.	06/13/1978
	8.	US-4,192,323		Horne	03/11/1980
	9.	US-4,243,056		de la Burde et al.	01/06/1981
	10.	US-4,319,587		Moser	03/16/1982
	11.	US-4,372,208		Legardinier	02/08/1983
	12.	US-4,459,355		Cello et al.	07/10/1984
	13.	US-4,499,911		Johnson	02/19/1985
	14.	US-4,617,945		Vos et al.	10/21/1986
	15.	US 4,699,158		Sprinkel	10/13/1987
	16.	US 4,700,725		Geiszler	10/20/1987
	17.	US-4,766,911		Oglesby	08/30/1988
	18.	US-4,795,855		Fillatti et al.	01/03/1989
	19.	US-4,821,747		Stuhl et al.	04/1989
	20.	US-4,835,162		Abood	05/30/1989
	21.	US-4,966,916		Abood	10/30/1990
	22.	US-4,990,607		Katagiri et al.	02/05/1991
	23.	US-5,015,580		Christou et al.	05/14/1991
	24.	US-5,023,179		Lam et al.	06/11/1991
	25.	US-5,062,434		Aulbach et al.	11/05/1991
	26.	US-5,109,876		Hayden et al.	05/05/1992
	27.	US-5,223,419		Katagiri et al.	06/29/1993
	28.	US-5,268,463		Jefferson	12/07/1993
	29.	US-5,377,697		Deutsch et al.	01/03/1995
	30.	US-5,394,894		Zade	03/07/1995
	31.	US 5,432,081		Jefferson	11/07/1995
	32.	US-5,540,242		Chao et al.	07/30/1996
	33.	US-5,599,670		Jefferson	02/04/1997
	34.	US-5,626,152		Davis et al.	05/06/1997
	35.	US-5,685,710		Martinez Sagrera et al.	11/11/1997
	36.	US-5,780,051		Eswara et al.	07/14/1998
	37.	US-5,792,922		Moloney	08/11/1998
	38.	US-5,796,500		Hart	08/18/1998
	39.	US-5,803,081		O'Donnell et al.	09/1998
	40.	US-5,810,020		Northway et al.	09/1998
	41.	US5,819,751		Barnes et al.	10/13/1998
	42.	US-5,830,318		Snow et al.	11/03/1998
	43.	US-5,845,647		O'Donnell	12/1998
	44.	US-5,862,750		Dell'Olmo	01/26/1999
	45.	US-6,020,969		Struckhoff et al.	02/01/2000
	46.	US-6,135,121		Williams	10/2000
	47.	US-6,153,811		Lowe et al.	11/2000
Examiner Signature				Date Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet	2	of 3	A1	Attorney Docket Number	5051-338CT

	48.	US-6,166,032		Viner	12/26/2000
	49.	US-6,191,258		Lamb et al.	02/20/2001
	50.	US-6,197,827		Cary	03/06/2001
	51.	US-6,202,649		Williams	10/2000
	52.	US-6,265,638		Bidney et al.	07/2001
	53.	US-6,279,475		Cardoso	08/28/2001
	54.	US-6,303,847		Kawaoka et al.	10/2001
	55.	US-6,425,401		Williams	07/2002
	56.	RE 38,123		Williams	05/2003
	57.	US-6,350,479		Williams et al.	02/2002
	58.	US-6,557,560		Kastner	05/06/2003
	59.	US-6,584,981		Hampl, Jr.	07/01/2003
	60.	US2002/0174874		Williams	11/2002
	61.	US2006/057723		Conkling et al.	03/16/2006

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation
		Office	Number	Kind Code (if known)			
	62.	WO	98/56932		Shell International Research Maatschappij B.V.	12/17/1998	
	63.	WO	99/13085		Cambia Biosystems LLC	03/18/1999	
	64.	WO	00/055333		Center for the Application of Molecular Biology to International Agriculture	09/21/2000	
	65.	WO	02/100199		Vector Tobacco Ltd.	12/19/2002	
	66.	WO	02/018607		North Carolina State University	03/07/2002	
	67.	WO	05/018307		22 <sup>nd</sup> Century Limited, LLC	03/03/2005	
	68.	DE	1,917,552		R.J. Reynold Tobacco Company	4/1/1969	
	69.	DE	2,203,105		Reynolds Leasing Corp.	01/20/1972	
	70.	EP	176,112		Hoekema et al.	04/02/1986	
	71.	EP	0 120 516 B1		Rijksuniversiteit Leiden	10/03/1984	
	72.	EP	0 131 623 B2		Monsanto Company	01/23/1985	
	73.	EP	0 140 308 B2		The Research Foundation of State University of New York	05/08/1985	
	74.	EP	0 290 799		Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V.	11/17/1988	

OTHER NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T
	75.	Brunnemann et al. "Assessment of Carcinogenic Volatile N-Nitrosamines in Tobacco and in Mainstream and Sidestream Smoke from Cigarettes" <i>Cancer Research</i> 37:3218-3222 (1977)			
	76.	Brunnemann et al. "Recent Advances in Tobacco Science: Analytical Studies on N-Nitrosamines in Tobacco and Tobacco Smoke" Proceedings of a Symposium Presented at the 45 <sup>th</sup> Meeting of the Tobacco Chemists' Research Conference, vol. 17, Oct. 20, 1991, Oct. 23, 1991, The Grove Park Inn, Asheville, North Carolina			
	77.	Burton et al. "Burley Tobacco-The Effects of Harvesting and Curing Procedures on the Composition of the Cured Leaf" <i>Tobacco Science</i> 5:49-53 (1988)			
	78.	Chamberlain et al. "Curing Effects on Contents of Tobacco Specific Nitrosamines in Bright and Burley Tobaccos" USDA, ARS, pp. 1-41 (1986)			

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79.	Chang et al. "Gene Expression from Both Intronless and Intron-Containing Rous Sarcoma Virus Clones is Specifically Inhibited by Anti-Sense RNA" <i>Molecular and Cellular Biology</i> 5(9):2341-2348 (1985)
80.	Collins et al. "Use of Anther-Derived Haploids in <i>Nicotiana</i> . I. Isolation of Breeding Lines Differing in Total Alkaloid Content" <i>Crop Sci.</i> 14:77-80 (1974)
81.	Copy of International Search Report for International Application No. PCT/US04/29953 dated November 4, 2005
82.	De Block et al. "Expression of Foreign Genes in Regenerated Plants and in Their Progeny" <i>EMBO Journal</i> 3(8):1681-1689 (1984)
83.	Feth et al. "Determination of Putrescine N-methyltransferase By High Performance Liquid Chromatography" <i>Phytochemistry</i> 24(5): 921-923 (1985)
84.	Higo et al. "Plant cis-acting regulatory DNA elements (PLACE) database: 1999" <i>Nucleic Acids Research</i> 27:297-300 (1999)
85.	Lagrimini et al. "Peroxidase-Induced Wilting in Transgenic Tobacco Plants" <i>The Plant Cell</i> 2:7-18 (1990)
86.	Leete et al. "Biosynthesis and Metabolism of the Tobacco Alkaloids" in <i>Alkaloids: Chemical and Biological Perspectives</i> , S.W. Pelletier, ed. John Wiley & Sons, pp. 85-152 (1983)
87.	Legg et al. "Inheritance of Per Cent Total Alkaloids in <i>Nicotiana Tabacum</i> L. II Genetic Effects of Two Loci in Burley 21 X LA Burley 21 Populations" <i>Can J Genet Cytol.</i> 13:287-91 (1971)
88.	Mizusaki et al. "Phytochemical Studies on Tobacco Alkaloids XIV. The Occurrence and Properties of Putrescine N-methyltransferase in Tobacco Roots" <i>Plant &amp; Cell Physiology</i> 12:633-640 (1971)
89.	Napoli et al. "Introduction of a Chimeric Chalcone Synthase Gene into Petunia Results in Reversible Co-Suppression of Homologous Genes <i>in trans</i> " <i>The Plant Cell</i> 2:279-289 (1990)
90.	Preiss et al. "Molecular genetics of <i>Kruppel</i> , a gene required for segmentation of the <i>Drosophila</i> embryo" <i>Nature</i> 313:27-32 (1985)
91.	Rombauts et al. "PlantCARE, a plant cis-acting regulatory element database" <i>Nucleic Acids Research</i> 27:295-296 (1999)
92.	Schroth et al. "Tobacco-Specific Nitrosamines," Research and Development, Neuchatel-Quarterly Report, pp. 1-8, April-June 1994
93.	Shillito et al. "Direct Gene Transfer to Protoplasts of Dicotyledonous and Monocotyledonous Plants by a Number of Methods, Including Electroporation" <i>Methods Enzymol.</i> 153:313-36 (1987)
94.	Watson "Nicotine free flavorful too" in The Buffalo News, A9 and A15, September 7, 1997 (newspaper article)
95.	Wu et al. "The Arabidopsis 14-3-3 Multigene Family" <i>Plant Physiol.</i> 114:1421-1431 (1997)

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